Title (en)
METHOD AND DEVICE FOR PREDICTING CHROMA BLOCKS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR VORHERSAGE VON CHROMA-BLÖCKEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE PRÉDICTION DE BLOCS DE CHROMINANCE

Publication
EP 3820152 A4 20210512 (EN)

Application
EP 19858604 A 20190905

Priority
- CN 2019104527 W 20190905
- CN 201811035923 A 20180905

Abstract (en)
[origin: EP3820152A1] The present invention provides a chroma block prediction method and a device. The method includes: parsing a bitstream to obtain first indication information, where the first indication information is used to indicate a filter type; downsampling a first luma block by using a filter corresponding to the filter type, to obtain a second luma block, where the first luma block is a luma block corresponding to a current chroma block; obtaining a template chroma sample and a template luma sample, where the template chroma sample includes a plurality of neighboring chroma samples of the current chroma block, and the template luma sample is obtained by performing a downsampling operation on a plurality of neighboring luma samples of the first luma block; obtaining linear model coefficients based on the template chroma sample and the template luma sample; and obtaining a prediction value of the current chroma block based on the second luma block and the linear model coefficients.

IPC 8 full level
H04N 19/186 (2014.01); **H04N 19/117** (2014.01); **H04N 19/176** (2014.01); **H04N 19/59** (2014.01); **H04N 19/593** (2014.01); **H04N 19/70** (2014.01); **H04N 19/80** (2014.01)

CPC (source: CN EP KR US)
H04N 19/117 (2014.11 - CN EP KR); **H04N 19/124** (2014.11 - CN); **H04N 19/13** (2014.11 - CN); **H04N 19/132** (2014.11 - CN KR); **H04N 19/157** (2014.11 - KR); **H04N 19/176** (2014.11 - CN US); **H04N 19/186** (2014.11 - CN EP KR US); **H04N 19/45** (2014.11 - CN); **H04N 19/593** (2014.11 - CN KR); **H04N 19/61** (2014.11 - CN); **H04N 19/625** (2014.11 - CN); **H04N 19/70** (2014.11 - CN EP KR); **H04N 19/91** (2014.11 - CN); **H04N 19/96** (2014.11 - CN)

Citation (search report)
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- See also references of WO 2020048507A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3820152 A1 20210512; **EP 3820152 A4 20210512**; **EP 3820152 B1 20240515**; BR 112021001991 A2 20210427; CN 110881126 A 20200313; CN 110881126 B 20240130; CN 111801943 A 20201020; CN 111801943 B 20210831; CN 117896531 A 20240416; CN 117915101 A 20240419; CN 118018746 A 20240510; JP 2021535652 A 20211216; JP 2023083292 A 20230615; JP 7431803 B2 20240215; KR 102549670 B1 20230629; KR 20210025107 A 20210308; KR 20230098717 A 20230704; MX 2021002486 A 20210512; SG 11202100113R A 20210225; US 11431991 B2 20220830; US 11962787 B2 20240416; US 2021160514 A1 20210527; US 2022368928 A1 20221117; US 2024251092 A1 20240725; WO 2020048507 A1 20200312

DOCDB simple family (application)
EP 19858604 A 20190905; BR 112021001991 A 20190905; CN 201811035923 A 20180905; CN 2019104527 W 20190905; CN 201980016632 A 20190905; CN 202410114368 A 20180905; CN 202410114372 A 20180905; CN 202410114376 A 20180905; JP 2021507937 A 20190905; JP 2023045823 A 20230322; KR 20217003515 A 20190905; KR 20237021569 A 20190905; MX 2021002486 A 20190905; SG 11202100113R A 20190905; US 202117166364 A 20210203; US 202217870428 A 20220721; US 202418624894 A 20240402